

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-4376
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
2. NAME OF OPERATOR Conoco Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 907 North Poplar, Casper, WY 82601		8. FARM OR LEASE NAME Ute Tribal 24
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1,937' FSL, 2,033' FWL (NE/SW) At proposed prod. zone		9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 14.5 miles southeast of Fort Duchesne, UT		10. FIELD AND POOL, OR WILDCAT Green River WILDCAT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 24, T4S, R1E
16. NO. OF ACRES IN LEASE 638		12. COUNTY OR PARISH Uintah
17. NO. OF ACRES ASSIGNED TO THIS WELL 638		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 6,810'		21. APPROX. DATE WORK WILL START* April 1, 1987
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,034' GR		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#/ft.	300'	165 sacks Class "H"
8-3/4"	7"	23 & 26#/ft.	6,810'	500 sacks Class "H"
				200 sacks 65/35 Poz + 6% Gel

It is proposed to drill Conoco Ute Tribal 24 No. 3 as a Green River oil producer. The wellbore might be used for injection purposes for secondary recovery at some point in time.

All appropriate logs will be run. A BOP will be installed and function tested daily.

A subsequent report will be submitted upon completion of the project. A completion rig will be used for completion operations, and all conditions of this application will apply during such operations.

Attachments: 1.) Survey Plat 4.) BOP Diagram
2.) 10-Point Plan 5.) Archaeological Survey
3.) 13-Point Plan 6.) *Threatened & Endangered Species Survey

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. C. Thompson TITLE Admin. Supervisor DATE 1-13-87
(This space for Federal or State office use)

PERMIT NO. 43-047-31785 APPROVAL DATE APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
APPROVED BY DATE: 2-2-87
CONDITIONS OF APPROVAL, IF ANY: BY: John L. B...

BLM - Vernal 1 (4) UOGC (2) AFE File 4185 (SJM)

*See Instructions On Reverse Side

WELL SPACING: 302

Lease No. 14-20-H62-4376

Ute Tribal 24 No. 3

Page 2

Please disregard the narrative in the Archaeological Survey concerning Ute Tribal 21 No. 4. The location of Ute Tribal 21 No. 4 has been changed since this survey was prepared. A revised survey will be submitted with the Application for Permit to Drill Well 21 No. 4.

Conoco Inc. has current and correct Corporate Qualifications on file in the Cheyenne, Wyoming office of the Bureau of Land Management as required by WY-2800-39 (April 1981) covering Right of Way requirements. Reference No. W-56943 dated May 14, 1981.

*The Threatened & Endangered Species Survey will be submitted upon completion.

10 Point Drilling Program
Attachment to Form 9-331C

1. Geological Surface Formation: Uinta
2. Geological Marker Tops:

<u>Formation</u>	<u>Drilled Depth</u>
Green River	2,234'
Wasatch	6,710'

3. Depths at which water, oil, gas or other mineral bearing formations are expected to be encountered.

<u>Formation</u>	<u>Estimated Top</u>
Green River	2,234' oil, water
Wasatch	6,710' oil, gas, water

4. Proposed Casing Program: All New Casing

	<u>Cement</u>
300' - 8 5/8", 24#/ft., K-55, ST&C	165 sacks Class "H"
6,000' - 7", 23#/ft., K-55, LTC	500 sacks Class "H"
810' - 7", 26#/ft., K-55, LTC	200 sacks 65/35 Poz + 6% Gel

5. Operator's Specifications for Pressure Control Equipment:

- a. Minimum working pressure on rams and BOP equipment will be 3,000 psi.
- b. Function test and visual inspection of the BOP will be conducted daily and noted in the Daily Drilling Report.
- c. Both high and low pressure tests of the BOP will be conducted weekly.

6. Proposed Circulating Medium:

<u>Depth</u>	<u>Mud Type</u>	<u>Density (lb./gals.)</u>	<u>Viscosity (Sec./Qt.)</u>	<u>Water Loss</u>
0' - 300'	Native	8.5 - 9.0	30-45	NC
300' - 5,000'	2% KCl	8.7 - 9.0	26-30	10-20 cc
5,000' - 6,810'	2% KCl	9.0 - 10.0	30-40	Less than 10cc

The reserve pit will be lined.

7. Auxiliary Equipment:

- a. Kelly cock.
- b. Monitoring of the mud system will be done visually. A full opening drill pipe stabbing valve will be kept on the floor at all times.

10 Point Drilling Program
Attachment to Form 9-331C
Ute Tribal 24 #3
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8. Testing, Logging and Coring:

Cores: None

DST: 1 - Green River 5,300'-6,600'

Logging: DLL-MSFL; FDC-CNL-GR, T.D. to 300'

Formation and Completion Interval: Green River 5,300'-6,600'

9. Abnormal Pressures or Temperatures; Potential Hazards

No abnormal pressures or temperatures are anticipated.

Anticipated bottom hole pressure is 2,450 psi.

10. Anticipated Starting Date and Duration:

April 1, 1987

15 days

Revised July 1, 1986

Date NOS Received 11-28-86

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator Conoco Inc.
Well Name & Number Ute Tribal 24 #3
Lease Number 14-20-H62-4376
Location NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 24 Township 4S Range 1E
Surface Ownership Coleman Brothers/Ute Tribe

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Existing Roads

- A. See attached Topographic Map for approximate wellsite location and lengths of road to be reconstructed and new-built. Exhibit 1.
- B. Ute Tribal 24 #3, proposed to be drilled to a TD of 6,810'± in the Green River formation is located approximately 11.9 miles south of the Fort Duchesne Agency in the NE/4 SW/4 Section 24, T4S, R1E, Uintah County, Utah. From the Fort Duchesne Agency proceed south on the bituminous surface road to its intersection with the Duchesne River thence left onto the Uintah County gravel surface road (Loop #16) approximately ¼ mile south of the river crossing. Proceed on the Uintah County road for 6 miles then turn due east onto an improved jeep trail for 0.9 miles and turn southeast following the improved jeep trail for 1.3 miles to the wellsite location.
- C. The access road is shown in Red and labeled on Exhibit 1 and 1a.
- D. 0.3 miles of access road will be improved to allow temporary usage during drilling operations with an additional 0.4 miles of new road built from the improved road to the wellsite. The access road will be maintained to the standards required by the BLM and BIA during drilling operations. However, if the well proves to be commercial it will be upgraded to an all-season road and maintained to the existing BLM and BIA standards.

Surface Ownership

98% of the surface land involved in the construction of the access road and location site are owned by the Coleman Brothers, RFD, Bridgeland, UT 84012. A 200' section of access road in Section 23, T4S, R1E is owned by the Ute Indian Tribe under the jurisdiction of the BIA.

The Topography of the General Area

The project area is on rangeland that comprises the top of Leland Bench. The Duchesne River is located approximately 9 miles to the north of the location site.

The access route extends southward from the county road along the bench gradually descending over a series of low rocky outcrops.

The topsoil in the area are clay containing desert varnished cobbles and stone fragments.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early Spring run-off and extremely heavy rain thunderstorms of long duration, which are extremely rare as the normal annual rainfall in the area is only 8".

The Duchesne River to the north of this location is the only perennial water that is affected by this location site.

The vegetation that is found in the area is common of the semi-arid region we are located in; it consists of primary flow areas of saltbrush, rabbit brush, some grasses and cacti as the primary flora.

The fauna of the area consists predominantly of prairie dogs. A small number of burrows of prairie dogs were observed in the area of the drill site. The area is used by man for the primary purpose of grazing lands for domestic sheep and cattle.

The area is undoubtedly visited by raptors in search of prey and is likely overflown by itinerant eagles, hawks and falcons. No nesting sites were seen in the immediate area of the drill site.

The Topography of the Immediate Area

Ute Tribal 24 #3 is situated near the head of a shallow drainage carved into the Duchesne River formation.

The vegetation in the immediate area surrounding the location site consists of saltbrush and some grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site.

2. Planned Access Roads--describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing: (see below and Exhibit 1)
- A. Length - 0.3 miles reconstructed road and 0.4 miles new road
 - B. Width - 30 foot right-of-way with 18 foot running surface maximum, if a producer.
 - C. Maximum grades - 10%
 - D. Turnouts - None needed
 - E. Drainage design - Borrow Ditches
 - F. Location and size of culverts and/or bridges, and brief description of any major cuts and fills - Low water crossings
 - G. Surfacing material (source) - None needed

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- H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None
- I. Access road surface ownership - Ute Tribe & Private (Coleman Brothers, RFD, Bridgeland, UT 84012)

(New or reconstructed roads are to be centerline-flagged at time of location staking).

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil & Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

3. Location of Existing Wells--describe the following and provide a map or plat of all wells within a 1 mile radius of the proposed well location showing and identifying existing: (see Exhibit 2)
- A. Water wells - None
 - B. Abandoned wells - None
 - C. Temporarily abandoned wells - None
 - D. Disposal wells - None
 - E. Drilling wells - None
 - F. Producing wells - Conoco's Ute Tribal 26 No. 1 well is located in NE/4, Section 26, T4S, R1E, Uintah County, Utah.
 - G. Shut-in wells - None
 - H. Injection wells - None

4. Location of Existing and/or Proposed Facilities

- A. On well pad, if well is successfully completed for production, see Exhibit 4. All lines will be installed above ground and insulated.

- B. Off well pad facilities are not anticipated at this time, since the battery will be self-sustaining. If further facilities are required, Conoco Inc. will apply for approval of subsequent off well pad operations.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery. The integrity of the dike must be maintained.

The tank battery will be placed on the NW side of location by point 8
(see Exhibit 4).

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown (10 YR 6/3)

5. Location and Type of Water Supply

- A. Show location and type of water supply, either by $\frac{1}{4}$, $\frac{1}{4}$ section on a map or by written description. Duchesne River - see Exhibit 1.
- B. State method of transporting water, and show any roads or pipelines needed. The water will be transported by Tank Truck using road as shown on Exhibit 1.
- C. If water well is drilled on lease, so state no

* The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities. The Permit for Use of Water application has been tendered to the Ute Tribe.

6. Source of Construction Materials

Construction materials will be native soil and gravel deposits during the drilling phase, however if the well is a commercial producer gravel will be procured from the Ute Indian Tribe to upgrade the access road.

7. Method for Handling Waste Disposal

- A. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:

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- (1) Cuttings - will be left in reserve pit.
 - (2) Sewage - will be contained in Porta Potty.
 - (3) Garbage (trash) and other waste material - will be collected in covered wire cages and hauled to sanitary landfill.
 - (4) Salt - will be contained in lined pit.
 - (5) Chemicals - will be contained in lined pit.
- B. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. Will be hauled by truck from the location to one of the following disposal facilities:

LaPoint Recycle & Storage	MC & MC Pits	Hanson Disposal
Section 12, T5S, R19E	Section 27, T1N, R2W	Section 7, T3S, R3W
Uintah County, Utah	Duchesne County, Utah	Duchesne County, Utah

- * Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.
- * Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

On BIA administered lands:

To protect the environment:

The reserve pit will be lined with plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit). Plastic liner will be 10 mil thickness with sufficient bedding to cover any rocks in the pit and liner will overlap pit walls and be covered with dirt and/or rocks to hold it in place.

Pits will be constructed so as not to leak, break or allow discharge of liquids.

Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

- A. Identify all proposed camps and airstrips on a map as to their location, and area required, and construction methods. (Camp center and airstrip centerlines to be staked on the ground).

X Camp facilities or airstrips will not be required.

9. Well Site Layout--provide a plat (not less than 1" = 50') showing: (see Exhibit 3).

- A. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
- B. Location of mud tanks, reserve, blooie, and emergency pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location).
- C. Rig orientation, parking areas, and access roads, etc.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons in the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil & Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for Approval.

Well Site Layout: The reserve pit will be located on the: Southeast side of location

The stockpiled topsoil will be stored on the: West end of location

Access to the well pad will be from the: West end of the location by point 7.

The #8 corner of the well pad will be rounded off to avoid drainage.

10. Plans for Restoration of Surface

- A. Provide a restoration program upon completion of operations, including:
 - (1) Backfilling, leveling, recontouring, and waste disposal; segregation of topsoil from cut materials as needed.
 - (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations).
 - (3) Proposed timetable for commencement and completion of rehabilitation operations.
- B. The following are provisions to be addressed in the restoration plan:

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Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BIA/Private Surface Owner. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BIA/Private Surface Owner, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 15th until the ground freezes.

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the BIA for prescribed seed mixtures and re-seeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

On BIA administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and, (c) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

The operator will submit a plan of controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county extension office.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to 10" apart. The seed should be planted between 1/2" deep the 3/4" deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by what-ever means is practical.

11. Surface Ownership: Location - Coleman Brothers, RFD, Bridgeland, UT 84012
Road - 200' Ute Indian Tribe; 3,276' Coleman Brothers

Provide the surface ownership (Federal, Indian, State or private) at the well location, and for all lands crossed by roads which are to be constructed or upgraded.

Where the surface of the well site is privately owned, the operator shall provide the name, address, and, if known, telephone number of the surface owner.

12. Other Additional Information

The BLM recommends a general description of:

- A. Topography, soil characteristics, geologic features, flora and fauna.
- B. Other surface-use activities and surface ownership of all involved lands.
- C. Proximity of water, occupied dwellings, archaeological, historical or cultural sites.

Items A, B and C were discussed in Article I.

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. However, historic and cultural resource work shall be undertaken only with the written consent of a private surface owner. If the private surface owner refuses entry for that purpose, the lessee or operator shall use its best efforts to conduct its approved operations in a manner that avoids adverse effects on any properties which are listed, or may be eligible for listing, in the NRHP.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

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On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization". All operators, sub-contractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved rights-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted.

All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).

Additional Surface Stipulations for BLM, BIA, FS, DWR, or Private Surface Lands:

The operator or his contractor shall contact the BLM and BIA Offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities. Contact: Timothy P. O'Brien - BLM.

The BLM and BIA Offices shall be notified upon site completion prior to moving on the drilling rig.

Bloolie pit will be located west of and separate from the reserve pit, toward point #6.

Note: If the land is privately owned, these surface stipulations may be varied to comply with the operator - land owner agreement.

13. Lessee's or Operators Representative and Certification

Representative

Name: Michael S. Rooney

Address: c/o Conoco Inc. - 907 North Poplar - Casper, Wyoming 82601

Phone Number: (307) 234-7311

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

Certification:

I certify that Conoco Inc. has reached an agreement with Coleman Brothers as to the requirements for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof. If an agreement has not been reached, Conoco Inc. will comply with the provisions of the law or regulations governing the Federal or Indian rights of reentry to the surface (43 CFR 3814).

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by _____

Conoco Inc.

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

January 1, 1967
Date

MS Rooney Prod. Superintendent
Name and Title

13 Point Surface Use Program
Ute Tribal 24 #3

Onsite Date: 12-11-86

Participants on Joint Inspection

Michael S. Rooney - Conoco Inc.

Timothy P. O'Brien - BLM

MAP^{HA}



Exhibit 1

Ft. DUCHESNE LT.
11.9 MILES
U.S. 40 12.9 MILES

0.9 Mi.

LELAND

BENCH

PROPOSED LOCATION
UTE TRIBAL 24 # 3

PROPOSED ROAD

JEEP TRAIL
(TO BE UPGRADED)

EXISTING WELL

CONOCO INC.
UTE TRIBAL 24 # 3
PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Unimproved road fair or dry

Exhibit 1a

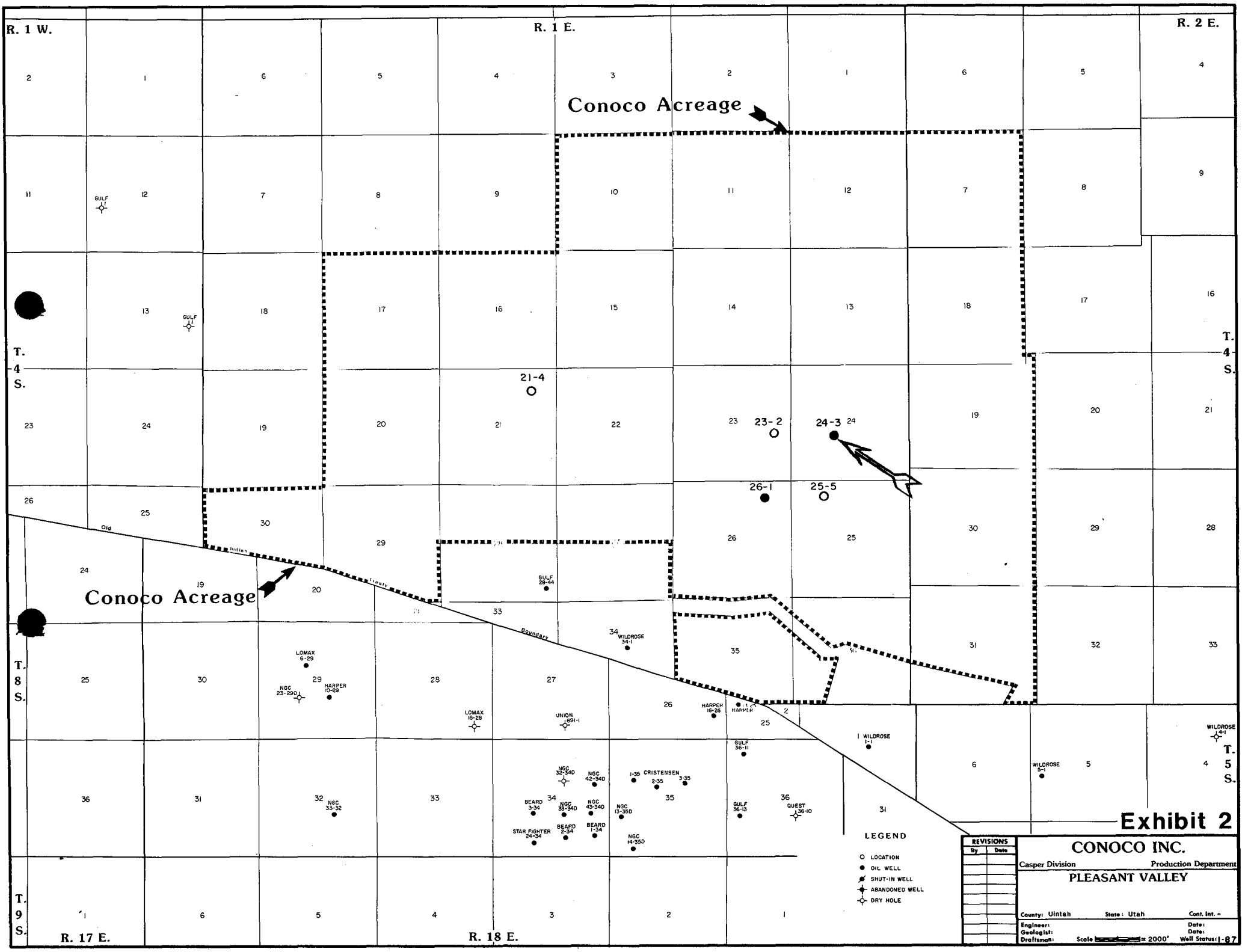


Exhibit 2

LEGEND

- LOCATION
- OIL WELL
- ✱ SHUT-IN WELL
- ✱ ABANDONED WELL
- ✱ DRY HOLE

REVISIONS

By	Date

CONOCO INC.

Casper Division Production Department

PLEASANT VALLEY

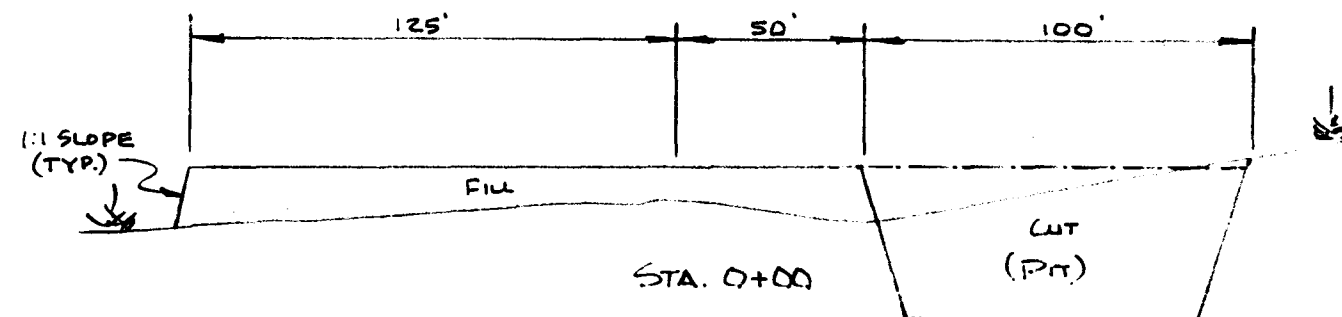
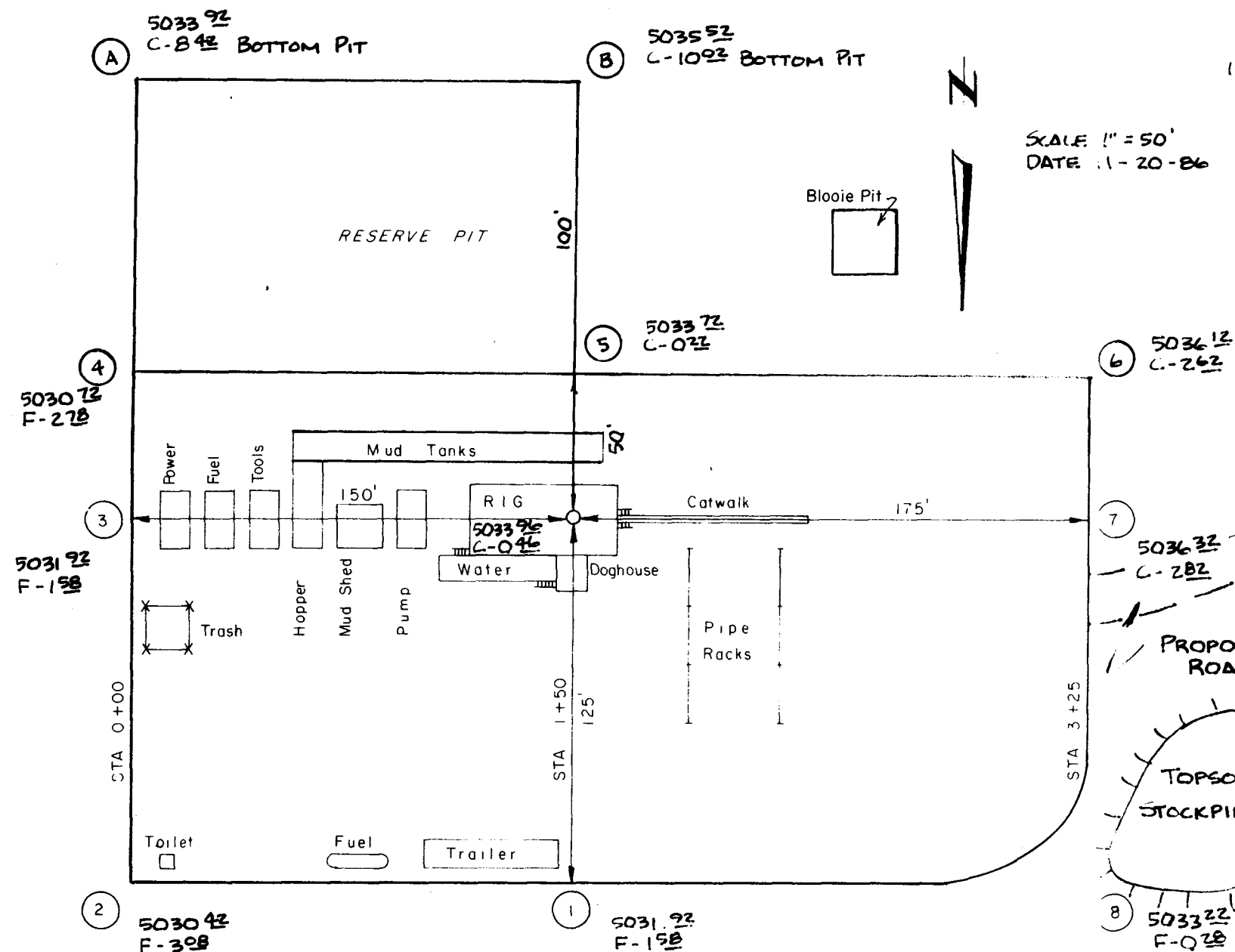
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Engineer: Date:

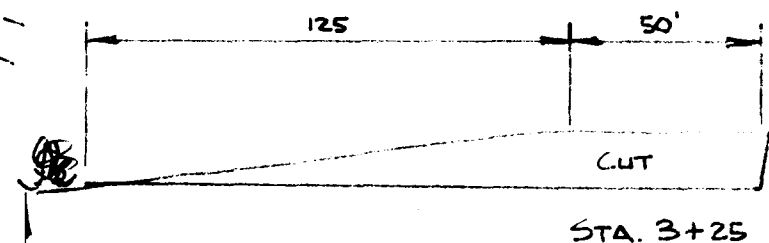
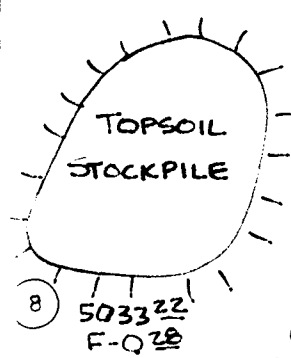
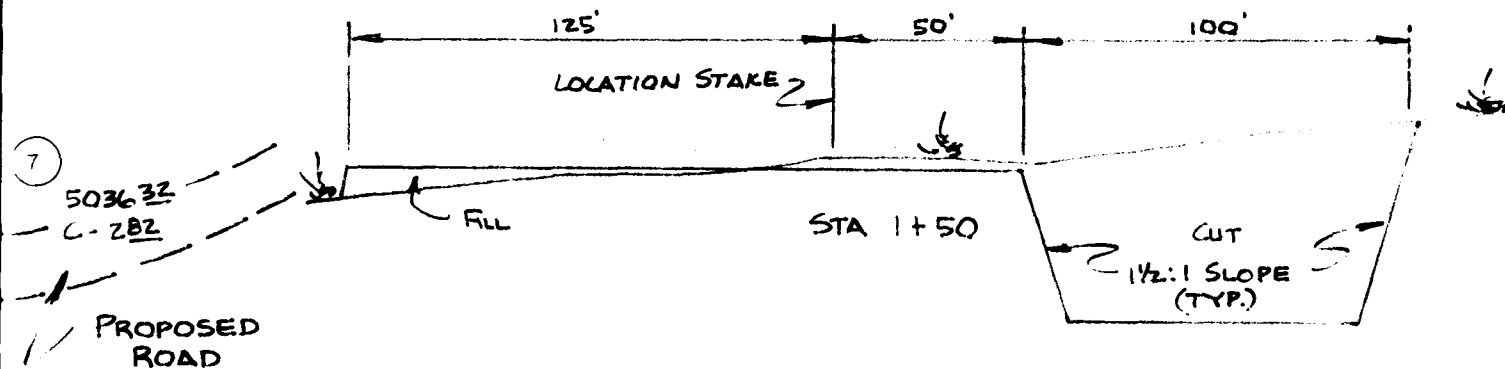
Geologist: Date:

Draftsman: Scale: 1" = 2000' Well Status: 1-87

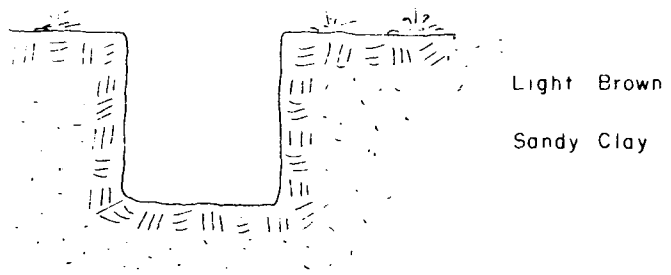
CONOCO, INC.
 UTE TRIBAL 24 # 3
 LOCATION LAYOUT & CUT SHEET



SCALE 1" = 50'
 DATE 11-20-86



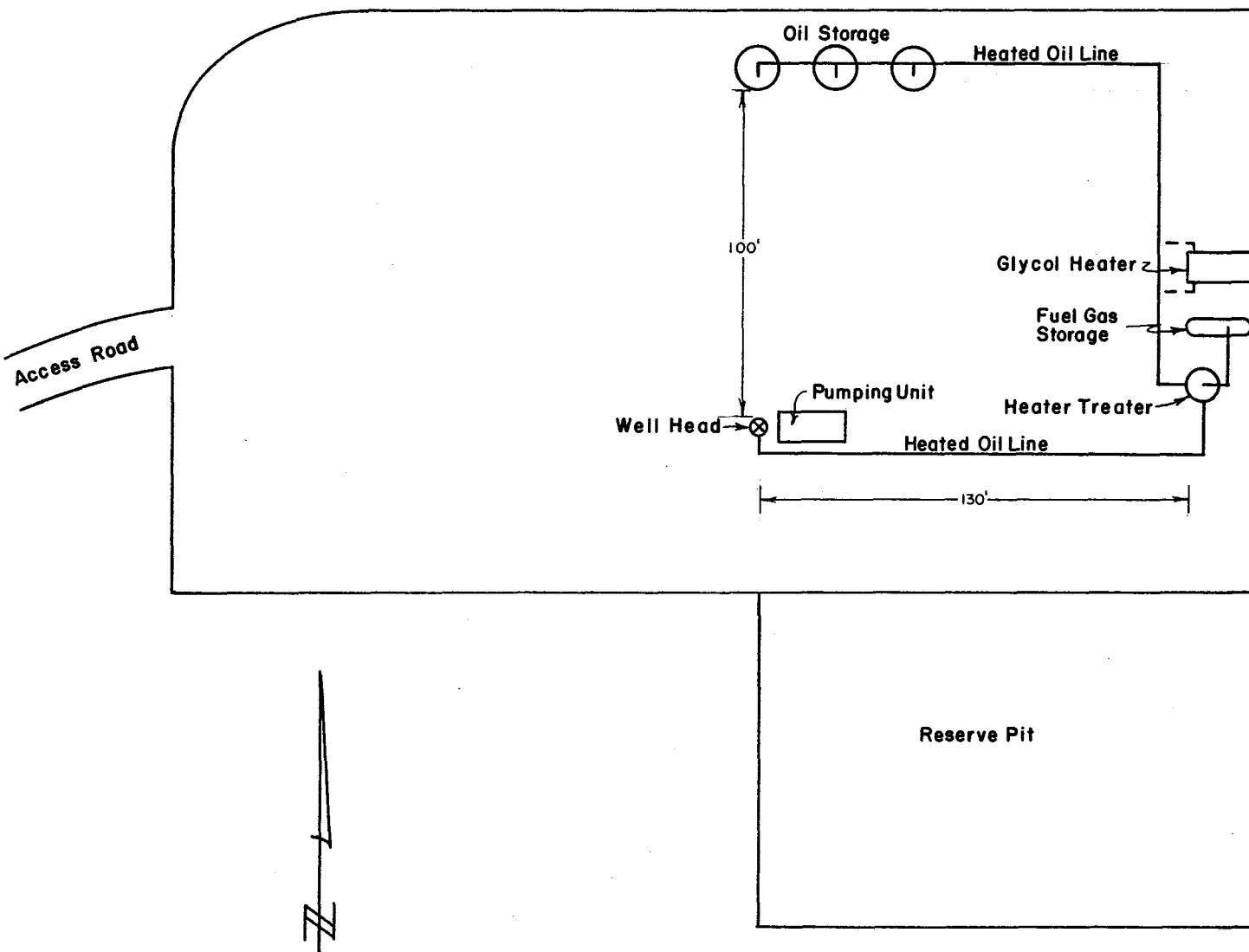
SOILS LITHOLOGY
 - No Scale -



1" = 10'
 SCALES
 1" = 50'

APPROXIMATE YARDAGES

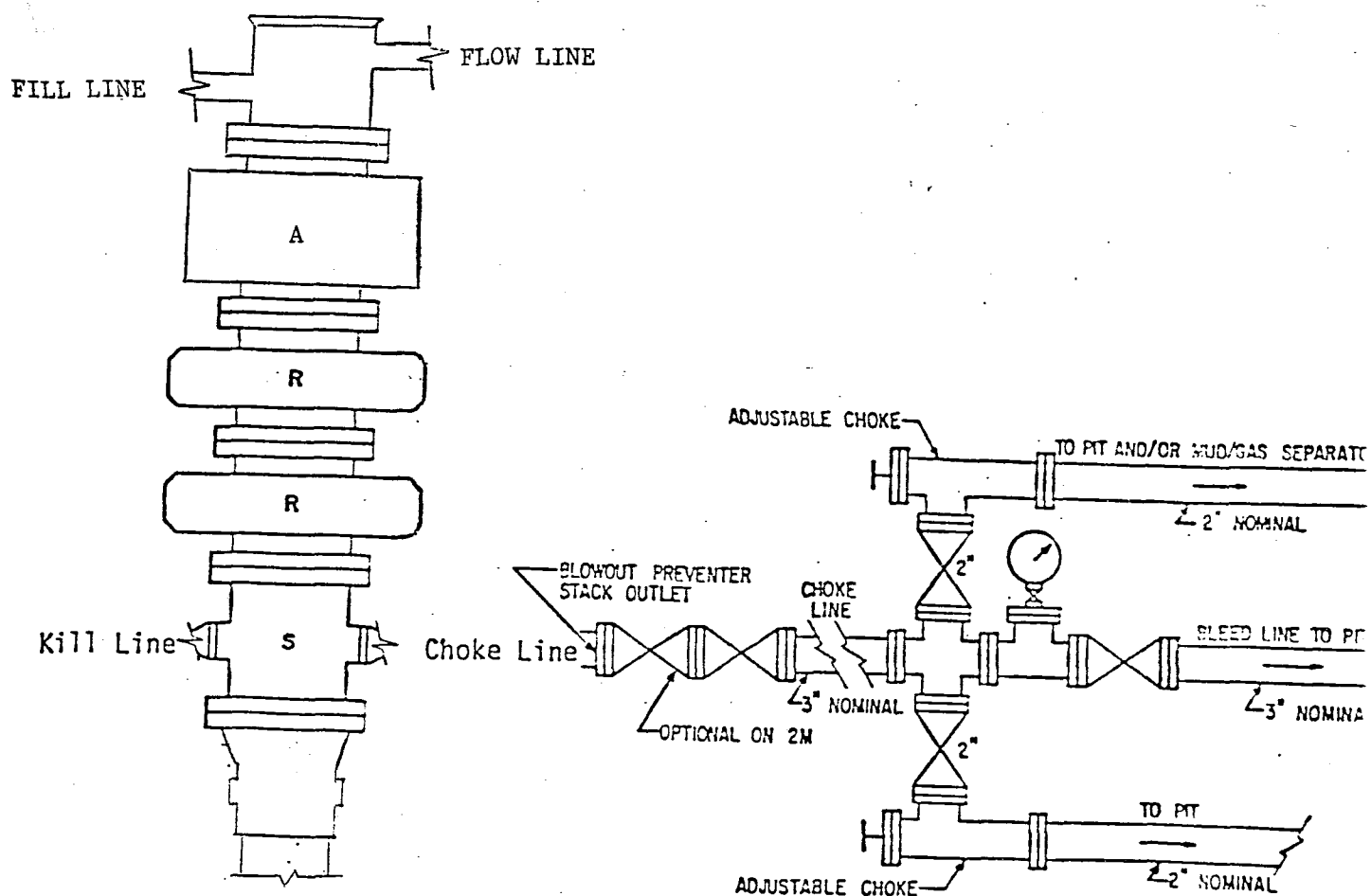
Cubic Yards Cut = 5,395
 Cubic Yards Fill = 1,817



Proposed Production Facilities
Conoco Ute Tribal 24-3

Scale: 1"=50'

Date: 1-13-87



DOUBLE RAM TYPE PREVENTERS

Minimum BOP Stack	_____ psi Working Pressure
One Pipe Ram	<u>3,000</u> psi Working Pressure
One Blind Ram	<u>3,000</u> psi Working Pressure
One Annular	<u>1,500</u> psi Working Pressure
Well Head	<u>3,000</u> psi Working Pressure
Manifold	<u>3,000</u> psi Working Pressure



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853 Bountiful, Utah 84010

Tel: (801) 292-7061, 292-9668

December 8, 1986

MS2

**Subject: CULTURAL RESOURCE EXAMINATION OF THREE
PROPOSED WELL LOCATIONS IN THE PARIETTE DRAW
AND LELAND BENCH LOCALITIES OF UINTAH COUNTY,
UTAH**

**Project: Conoco Oil Company - Ute Tribal Units 21-4,
23-2 and 24-3**

Project No.: COC-86-2

**Permit No.: Utah State Number U-86-AF-7871
Dept. of Interior Ut-86-54937**

**To: Mr. Michael Rooney, Conoco Oil Company, 907 North
✓ Poplar, Casper, Wyoming 82601**

**Mr. Roland McCook, Bureau of Indian Affairs, P.O. Box
190, Fort Duchesne, Utah 84026**

**Mr. Pat Padia, Ute Indian Tribe, Energy & Minerals
Dept., P.O. Box 190, Fort Duchesne, Utah 84026**

**Info: Mr. James Dykman, Preservation Section, Division
of State History, 300 Rio Grande, Salt Lake City, Utah
84101**

**District Manager, Bureau of Land Management, 170
South 500 East, Vernal, Utah 84078**

GENERAL INFORMATION:

Cultural resource evaluations were made by F. R. Hauck of AERC on December 3 and 4, 1986, of the Conoco Oil Company's three proposed well locations Ute Tribal No. 21-4, No. 23-2 and No. 24-3. These locations have been staked in the Pariette Draw-Leland Bench locality of Uintah County, Utah, and are situated on Ute Tribal land. Mr. Pat Padia and an assistant, both of the Energy and Minerals Department of the Ute Tribe, accompanied the evaluations.

Ute Tribal Unit No. 21-4 is situated in the SW 1/4 of Section 21, Township 4 South, Range 1 East, Uinta Special Base and Meridian as shown on attached Map 1. Units 23-2 and 24-3 are also located in the same township and range, the former in the SE 1/4 of Section 23 and the latter in the SW 1/4 of Section 24. Access into Unit 21-4 has been flagged from both the east and from the south as shown on Maps 1 and 2. Unit 23-2 (see Map 3) is situated adjacent to an existing road and requires only a short access development. The access into Unit 24-3 is from the south and southwest of the location as shown on Map 3.

The project area for Unit 21-4 is on the east wall of Pariette Draw Canyon with the eastern access into the location beginning on the top of Leland Bench. The other two locations are on Leland Bench. Leland Bench consists of rolling rangeland and contrasts markedly with the canyon and rimrock environment of the east wall of Pariette Wash. Vegetation found in the vicinity of all three locations include Chrysothamnus nauseosus, Atriplex canescens, Opuntia polyacantha and Bromus tectorum. The project areas are situated from the 5000 to the 5250 foot elevation zones above sea level.

FILE SEARCH:

Records checks were conducted on 11-20-86 at the Utah State Antiquities Section in Salt Lake City and at the Vernal Office of the Bureau of Land Management. No known sites were found to be situated in the project areas. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

FIELD METHODOLOGY:

To accomplish an intensive evaluation of the proposed well locations, the archaeologist walked a series of 10 to 15 meter wide transects within the flagged locations, and extended the evaluation a minimum of 30 meters beyond the periphery

stakes. The access routes into all three locations were examined by walking a 15 meter wide transect along the staked center lines.

RESULTS:

No cultural material or activity loci of any historic or prehistoric period were observed during the evaluations. Isolated prehistoric artifacts were occasionally observed during the evaluations. These artifacts were of two types. Isolated primary flakes were found in the cobble fields. These flakes are the result of random lithic sampling activities conducted by individuals seeking core materials for reduction into lithic tools. The date of activity is unknown, however, the prevalence of flakes and their varying stages of weathering suggests these activities occurred over a protracted period of time.

The second type of artifact which was commonly observed in the project localities consisted of biface butchering tools. These tools were always found alone suggesting the hunting-butcher activities were accomplished by single individuals and not by hunting groups. These tools are similar to those observed in the general area that were found by this archaeologist in association with Middle Archaic projectile points. The artifacts were constructed from cobbles, mudstone and siltstone materials by striking opposing flakes along the long edge of the tool. A jagged, sawtooth blade resulted from this selective flaking technique. One long quartzite blade exhibited flaking modification along the back edge in order to facilitate handling the large tool. Such a tool would be highly effective in dismembering the joints on large game such as antelope, deer or bison. After the butchering process had been completed, the tools were abandoned at the location. One blade contained some evidence of developing desert varnish since its manufacture and discarding. No artifacts were collected during the evaluations.

CONCLUSION AND RECOMMENDATIONS:

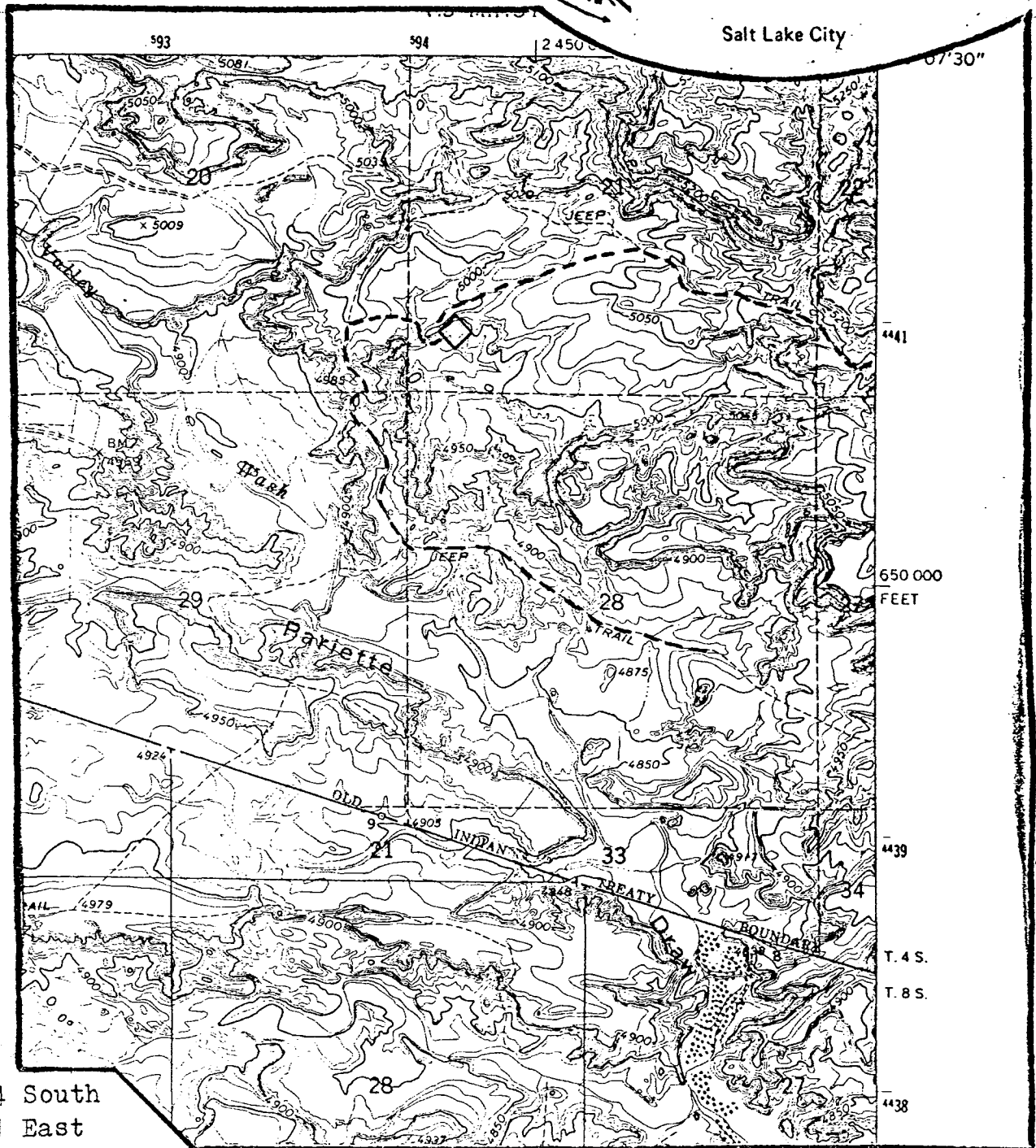
AERC recommends that a cultural resource clearance be granted to Conoco Oil Company relative to these well developments based upon adherence to the following stipulations:

1. All vehicle traffic, personnel movement, and construction should be confined to the locations examined;
2. all personnel should refrain from collecting artifacts or from disturbing any cultural resources in the area; and

3. the principal authority should be consulted should cultural remains from subsurface deposits be exposed during exploratory and developmental work or if the need arises to relocate or otherwise alter the development area.

A handwritten signature in dark ink, appearing to read "F. R. Hauck". The signature is fluid and cursive, with the first name "F." and last name "Hauck" clearly distinguishable.

F. R. Hauck, Ph.D.
President & Principal
Investigator



T. 4 South
R. 1 East

Meridian: Uinta S.B. & M.

Quad:

Project: COC-86-2
Series: Uinta Basin
Date: 12-8-86

MAP 1
Cultural Resource Survey
of Ute Tribal No. 21-4
in the Pariette Draw Area
of Uintah County, Utah

Pariette Draw
SW, Utah
7.5 minute-USGS

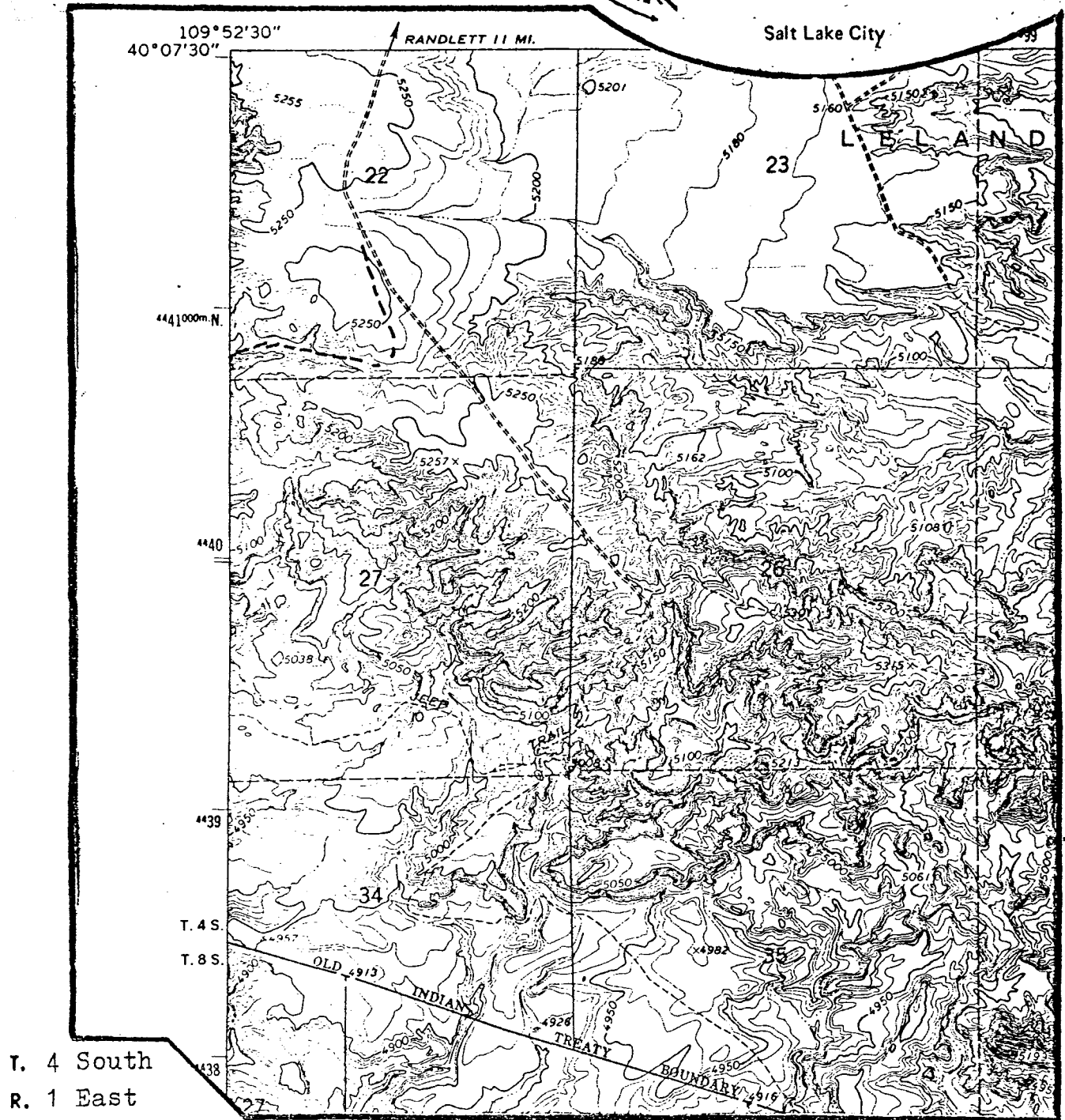
Legend:

Well Location
Access Route



2.64" = 1 mile

Scale



T. 4 South
R. 1 East

Meridian: Uinta S.B. & M.

Quad:

Project: COC-86-2
Series: Uinta Basin
Date: 12-8-86

MAP 2
Cultural Resource Survey
of the Access Route into
Ute Tribal Unit No. 21-4
in the Pariette Draw Area

Uteland Butte,
Utah
7.5 minute-USGS

Legend:

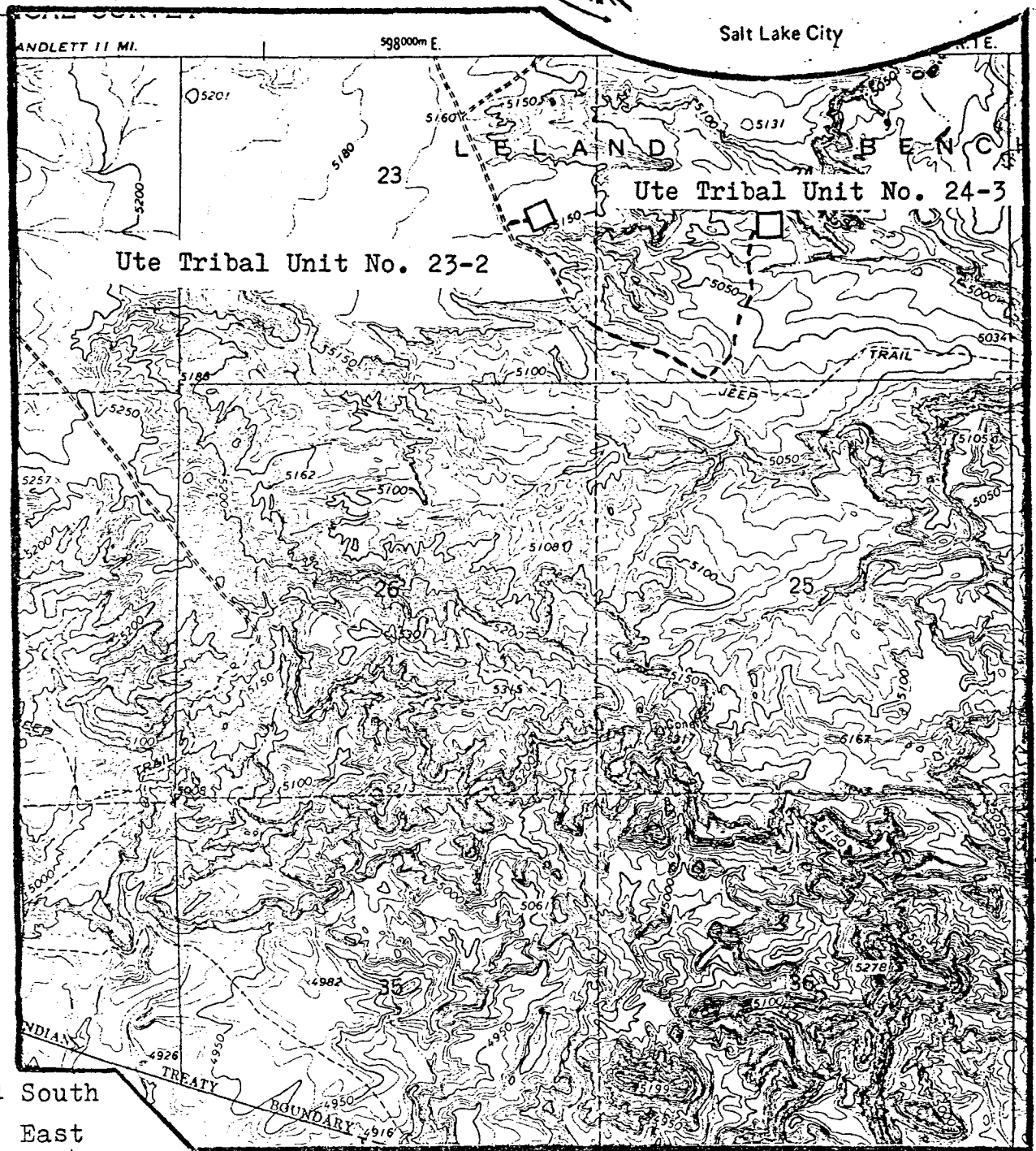
Proposed Access
Route



2.64" = 1 mile

Scale

ARCHEOLOGICAL-ENVIRONMENTAL
RESEARCH CORPORATION



T. 4 South
R. 1 East

Meridian: Uinta S.B. & M.



Quad:

Project: COC-86-2
Series: Uinta Basin
Date: 12-8-86

MAP 3
Cultural Resource Survey
of Conoco Locations and
Access Routes in the Le-
land Bench Locality

Uteland Butte,
Utah
7.5 minute-USGS

Legend:

Well Location 
Access Route 



2.64" = 1 mile
Scale

020902

OPERATOR Conoco Inc. DATE 1-29-87WELL NAME Ute Tribal 24 #3SEC NE SW 24 T 45 R 1E COUNTY Montal

43-047-31785

API NUMBER

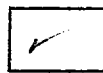
Indian

TYPE OF LEASE

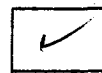
CHECK OFF:



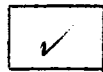
PLAT



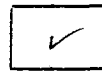
BOND

NEAREST
WELL

LEASE



FIELD

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 920'Need water permit

APPROVAL LETTER:

SPACING: ☐ 203 _____ UNIT☒ 302_____
CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Water

0218T



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 2, 1987

Comoco Incorporated
907 North Poplar
Casper, Wyoming 82601

Gentlemen:

Re: Ute Tribal 24 #3 - NE SW Sec. 24, T. 4S, R. 1E
1937' FSL, 2033' FWL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule 302, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

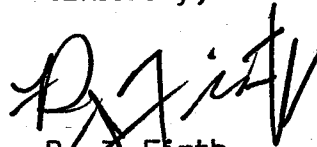
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2
Conoco Incorporated
Ute Tribal 24 #3
February 2, 1987

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31785.

Sincerely,



R. D. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Bureau of Indian Affairs
Branch Fluid Minerals
D. R. Nielson
8159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

907 North Poplar, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1,937' FSL, 2,033' FWL (NE/SW)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 14.5 miles southeast of Fort Duchesne, UT

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,034' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36#/ft.	300'	165 sacks Class "H"
8-3/4"	7"	23 & 26#/ft.	6,810'	500 sacks Class "H"
				200 sacks 65/35 Poz + 6% Gel

It is proposed to drill Conoco Ute Tribal 24 No. 3 as a Green River oil producer. The wellbore might be used for injection purposes for secondary recovery at some point in time.

All appropriate logs will be run. A BOP will be installed and function tested daily.

A subsequent report will be submitted upon completion of the project. A completion rig will be used for completion operations, and all conditions of this application will apply during such operations.

Attachments: 1.) Survey Plat 4.) BOP Diagram
2.) 10-Point Plan 5.) Archaeological Survey
3.) 13-Point Plan 6.) *Threatened & Endangered Species Survey

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

J. C. Thompson

TITLE Admin. Supervisor

DATE 1-13-87

(This space for Federal or State office use)

PERMIT NO.

43-047-31785

APPROVAL DATE

APPROVED BY

David E. Little

TITLE

District Manager

DATE

2/24/87

CONDITIONS OF APPROVAL, IF ANY:

BLM - Vernal (4) UOGC (2) AFE File 4185 (SJM)

UTD80-7M-36

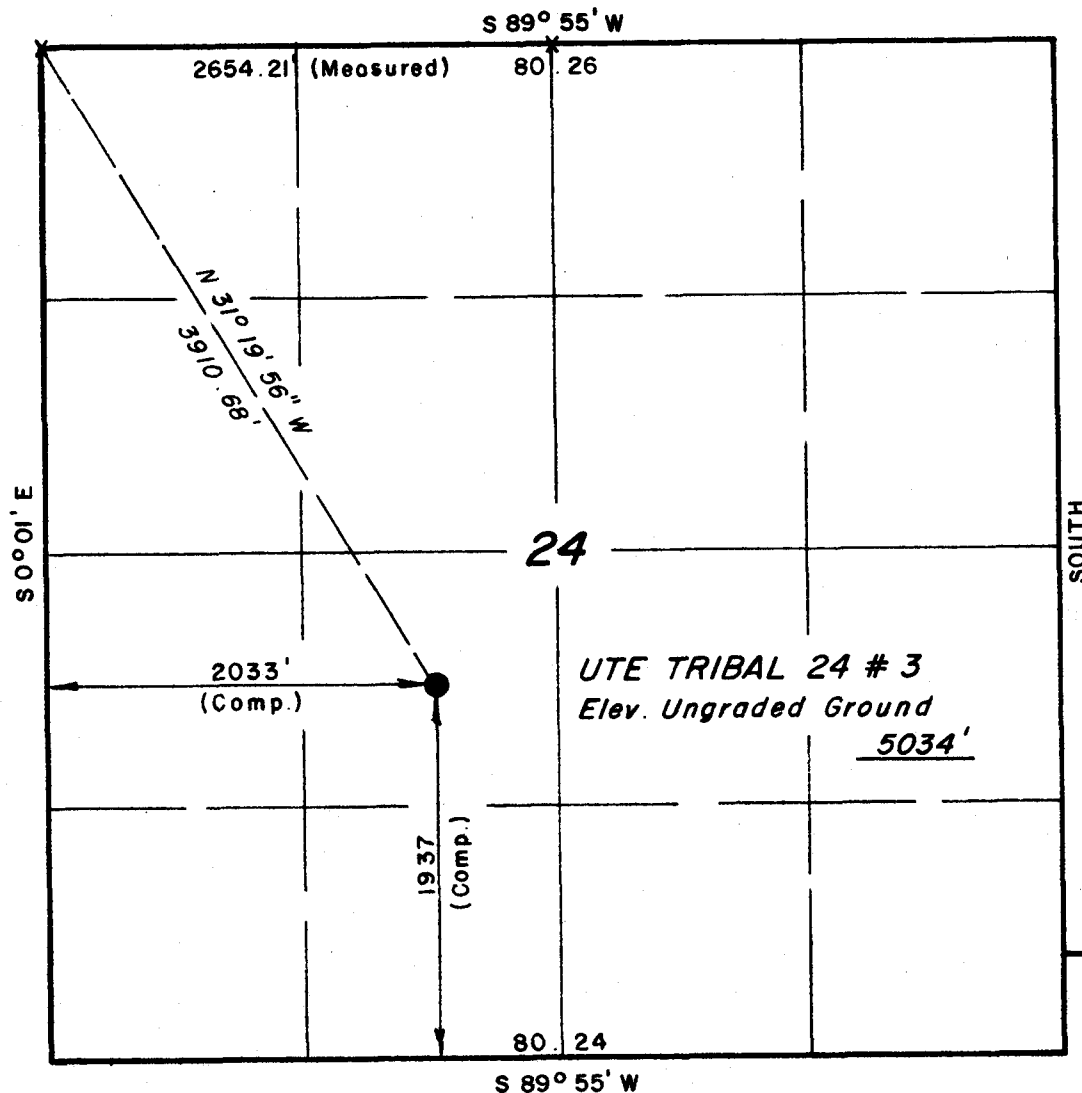
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T4S, R1E, U.S.B.&M.

PROJECT
CONOCO, INC.

Well location, **UTE TRIBAL**
24 #3, located as shown in
the NE 1/4 SW 1/4 Section 24,
T4S, R1E, U.S.B.&M. Uintah
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11 / 19 / 86
PARTY G.S. D.A. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE CONOCO

X = Section Corners Located

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL
WITHIN THE UINTAH OURAY RESERVATION

Company Conoco Inc. Well No. 24-3
Location Sec. 24 T4S R1E Lease No. -
Onsite Inspection Date 12-11-86

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

Report all water shows and water sands encountered during drilling to Wayne Svejnoha of the Vernal District Office. If any noticeable water flows are detected while drilling, a sample will be submitted to this office along with a copy of any water analyses performed. Copies of State of Utah form, OGC-8-X, would be acceptable.

2. Pressure Control Equipment

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

An annular bag-type preventer shall be utilized and pressure tested to 1,500 psi. Ram-type preventers shall be pressure tested to 2,500 psi.

Prior to testing the BOPE equipment, Conoco will notify the Division of Minerals with sufficient lead time to allow a Bureau representative to be present.

3. Casing Program and Auxiliary Equipment

Prior to running and cementing all casing strings, Conoco will notify the Division of Minerals with sufficient lead time to allow a Bureau representative to be present.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval from the Division of Minerals, Vernal District Office.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

A borehole compensated sonic log will be run to determine depth and thickness of the oil shale zone in this area and submitted to this office. A mud log, if compiled, will also be submitted to this office.

A cement bond log (CBL) will be run to determine the top of the cement along with the percentage of bond. This will also determine if the oil shale zone has been adequately isolated. A copy of the CBL will be provided to this office.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery..

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen	(801) 247-2318
Assistant District Manager for Minerals	

Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	

R. Allen McKee	(801) 781-1368
Petroleum Engineer	

032017

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-047-31785

NAME OF COMPANY: CONOCO

WELL NAME: UTE TRIBAL 24 #3

SECTION NE SW 24 TOWNSHIP 4S RANGE 1E COUNTY Uintah

DRILLING CONTRACTOR Leon Ross

RIG #

SPODDED: DATE 3-17-87

TIME 6:00 AM

How Dry Hole Digger

DRILLING WILL COMMENCE 3-19-87 - Grace Rig #178

REPORTED BY Pat Realing

TELEPHONE # 307-234-7311

DATE 3-18-87 SIGNED JRB/AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved 040711
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-4376 <i>Dulg.</i>
2. NAME OF OPERATOR Conoco Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
3. ADDRESS OF OPERATOR 907 North Poplar	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1,937' FSL, 2,033' FWL (NE/SW)	8. FARM OR LEASE NAME Ute Tribal 24
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,034' GR	9. WELL NO. 3
	10. FIELD AND POOL, OR WILDCAT Green River/Wasatch
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T4S, R1E
	12. COUNTY OR PARISH Uintah
	13. STATE Utah

DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PCLL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is a revised 10-point Drilling Program and BOP Diagram for the subject well. The drilling of subject well will now include an exploratory tail from an estimated T.D. of 6,810' to 9,300' to test the Wasatch formation. All other parts of the Application for Permit to Drill will remain as originally submitted.

Verbal approval was received from Jerry Kenzka on 3-30-87 to drill through the Wasatch formation using a 3,000 psi BOP.

18. I hereby certify that the foregoing is true and correct

SIGNED J. Thompson TITLE Administrative Supervisor DATE March 31, 1987

(This space for Federal or State office use)

APPROVED BY BLM - Vernal (4) TITLE ACCEPTED BY THE STATE
CONDITIONS OF APPROVAL, IF ANY: Federal approval of this action
UOGC (2) is required before commencing
AFE 4185 (SJM) operations. *See Instructions on Reverse Side

DATE 4-6-87
BY John R. Daga

10 Point Drilling Program
Attachment to Form 3160-5
Ute Tribal 24-3/Wasatch Tail

RECEIVED
APR 03 1987

DIVISION OF
OIL, GAS & MINING

1. Geological Surface Formation: Uinta
2. Geological Marker Tops:

<u>Formation</u>	<u>Drilled Depth</u>
Green River	2,234'
Wasatch	6,710'

3. Depths at which water, oil, gas or other mineral bearing formations are expected to be encountered.

<u>Formation</u>	<u>Estimated Depth</u>
Green River	4,470' oil, water
Wasatch	8,000' oil, gas, water

4. Proposed Casing Program (All New Casing):

	<u>Cement</u>
300' - 9 5/8", 36#/ft., K-55, ST&C	165 sacks Class "H"
0'-2,200' - 7", 29#/ft., L-80, BTRC	
2,200'-9,300' - 7" 26#/ft., N-80, LT&C	650 sacks Class "G" + additives

5. Operator's Specifications for Pressure Control Equipment:

- a. Minimum working pressure on rams and BOP equipment will be 3,000 psi.
- b. Function test and visual inspection of the BOP will be conducted daily and noted in the Daily Drilling Report.
- c. Both high and low pressure tests of the BOP will be conducted weekly.

6. Proposed Circulating Medium:

<u>Depth</u>	<u>Mud Type</u>	<u>Density (lb./gals.)</u>	<u>Viscosity (Sec./Qt.)</u>	<u>Water Loss</u>
0' - 300'	Native	8.5 - 9.0	30-45	NC
300'-5,000'	2% KCl	8.7 - 9.0	26-30	10-20 cc
5,000'-9,300'	2% KCl	9.0 - 10.0	30-40	Less than 10cc

The reserve pit will be lined.

7. Auxiliary Equipment:

- a. Kelly cock.
- b. Monitoring of the mud system will be done visually. A full opening drill pipe stabbing valve will be kept on the floor at all times.

10 Point Drilling Program
Attachment to Form 3160-5
Ute Tribal 24-3/Wasatch Tail
Page 2

RECEIVED
APR 03 1987

DIVISION OF
OIL, GAS & MINING

8. Testing, Logging and Coring:

Cores: None

DST: 1 - Green River 5,300' - 6,600'; 1 - Wasatch, 8,000'

Logging: DLL-MSFL; FDC-CNL-GR, T.D. to 300'

Formation and Completion Interval: Green River/Wasatch 5,300' - T.D.

9. Abnormal Pressures or Temperatures; Potential Hazards:

No abnormal pressures or temperatures are anticipated.

10. Anticipated Starting Date and Duration:

March 31, 1987

15 days

FILING FOR WATER IN THE STATE OF UTAH

file
040909

Rec. by _____
Fee Paid \$ _____
Platted _____
Microfilmed _____
Roll # _____

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

43-047-31785
Dug.

WATER USER CLAIM NO. 43 - 9964

APPLICATION NO. T62321

FILING DATE: March 3, 1987

1. PRIORITY OF RIGHT: March 3, 1987

2. OWNER INFORMATION

Name: Incorporated Conoco
Address: 907 North Poplar, Casper, WY 82601

3. QUANTITY OF WATER: 3.0 acre feet (Ac. Ft.)

4. SOURCE: Duchesne River DRAINAGE: Duchesne River
POINT(S) OF DIVERSION:

(1) S. 2700 feet, from the NW Corner of Section 23,
Township 3 S, Range 1 E, USM

COUNTY: Uintah

Description of Diverting Works: Transported by tank truck

COMMON DESCRIPTION:

5. NATURE AND PERIOD OF USE

Oil Exploration From March 16 to March 16.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Gas or oil well drilling and production operation of Ute Tribal 24 No. 3

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN	RANGE	SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
4 S	1 E	24									X							

All locations in Uintah Special Base and Meridian

EXPLANATORY:

The water will be used from Mar. 16, 1987 to Mar. 16, 1988.

*The point of diversion from the source is situated at NW/SW, Section 23, T3S, R1E USBM., in Uintah County

RECEIVED
APR 07 1987

DIVISION OF
OIL, GAS & MINING

Appropriate

TEMPORARY
FILING FOR WATER IN THE
STATE OF UTAH

APPLICATION TO APPROPRIATE WATER

031020 Rec. by DLT
Fee Paid \$ 15.00
Platted Receipt # 21970
Microfilmed _____
Roll # _____

Conno For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

RECEIVED
APR 07 1987

WATER USER CLAIM NO. 43 - 9967

APPLICATION NO. T62345

1. PRIORITY OF RIGHT: March 16, 1987 DIVISION OF OIL, GAS & MINING FILING DATE: March 16, 1987

2. OWNER INFORMATION

Name: Curry Leasing
phone (801) 454-3334
Address: C/O Joe Curry, P.O. Box 227, Altamont, UT 84001

Interest: 100 %

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 6.0 acre feet (Ac. Ft.)

4. SOURCE: Duchesne River DRAINAGE: Duchesne River
which is tributary to Green River
which is tributary to Colorado River

POINT(S) OF DIVERSION:

(1) S. 2700 feet, from the NW Corner of Section 23,
Township 3 S, Range 1 E, USM
Description of Diverting Works: pumped into tank trucks
COMMON DESCRIPTION: 5.5 Mi. So. Ft. Duchesne

COUNTY: Uintah

23#12 O.H.
43-047-31786 4S 1E 23

5. NATURE AND PERIOD OF USE

Oil Recovery: From March 16 to March 16.

PA
43-047-31785 4S 1E 24

6. PURPOSE AND EXTENT OF USE

Oil Recovery: Oil Well Drilling and production work
Drilling and completion of Ute Tribal 23 No. 2 and Ute Tribal 24 No.

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN	RANGE	SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
4 S	1 E	24									X				X			

All locations in Salt Lake Base and Meridian

EXPLANATORY

Pt. of Diversion is on Indian Land. Will acquire permission before diverting

Appropriate

RECEIVED
APR 15 1987

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

DIVISION OF
OIL, GAS & MINING

PA

OPERATOR: CONOCO INC

LEASE: 14 20 W62 4276

WELL NO.: UTE TRIBAL 24 C

API: 43 047-01705

QTR/QTR: NESW SECTION: 24

TWP: 4 SOUTH

RANGE: 1 EAST

COUNTY: UTAH

FIELD:

CONTRACTOR: GRACE #101

DRILLING / COMPLETION / WORKOVER

Y APD	Y WELL SIGN	Y HOUSEKEEPING	Y ROPE
Y SAFETY	Y POLL. CONTROL	Y SURFACE USE	Y PITS
Y OPERATIONS	OTHER		

SHUT IN / TA:

WELL SIGN	HOUSEKEEPING	EQUIPMENT	SAFETY
SHUT IN	TA	OTHER	

ABANDONED:

MARKER	HOUSEKEEPING	REHAB	OTHER
--------	--------------	-------	-------

PRODUCTION:

WELL SIGN	HOUSEKEEPING	EQUIPMENT	FACILITIES
METERING	POLL. CONTROL	PITS	DISPOSAL
SECURITY	SAFETY	OTHER	

GAS DISPOSITION:

VENTED	FLARED	SOLD	LEASE USE
--------	--------	------	-----------

LEGEND: Y YES OR SATISFACTORY
N NO OR UNSATISFACTORY
NA NOT APPLICABLE

FACILITIES INSPECTED: LOCATION, WELL HEAD, RESERVE PIT, DRILLING RIG, ROPE

REMARKS: DRILLING AT 8545'. PIT FENCED, LINED AND 1/2 FULL OF DRUG FLUIDS. BOF TESTS DONE REGULARLY. CLEAN LOCATION.

ACTION:

INSPECTOR: CAROL A. KUBLY

DATE: 8 APRIL 87

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-4376
2. NAME OF OPERATOR Conoco Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
3. ADDRESS OF OPERATOR 907 North Poplar, Casper, WY 82601	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,937' FSL, 2,033' FWL (NE/SW)	8. FARM OR LEASE NAME Ute Tribal 24
14. PERMIT NO.	9. WELL NO. 3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,034' GR	10. FIELD AND POOL, OR WILDCAT Green River/Wasatch
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T4S, R1E
	12. COUNTY OR PARISH Uintah
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was plugged and abandoned on April 16, 1987 as follows:

Plug No.	Interval	Number of Sacks
1	8,480' - 8,410'	65
2	6,650' - 6,500'	70
3	2,300' - 2,150'	94
4	350' - 200'	80
5	50' - surface	21

All Cement is Class "G"

A Sundry Notice will be submitted when the location has been restored and is ready to be inspected.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. Thompson

TITLE Administrative Supervisor

DATE 4/23/87

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 4-28-87

BY: *J. R. Day*

BLM - Vernal (3)

UOGC (2)

AFE 4185 (SJM)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NO. 042809
2. NAME OF OPERATOR Conoco Inc.	8. FARM OR LEASE NAME Ute Tribal 24
3. ADDRESS OF OPERATOR 907 North Poplar, Casper, WY 82601	9. WELL NO. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 1,937' FSL, 2,033' FWL (NE/SW)	10. FIELD AND POOL, OR WILDCAT Green River/Wasatch
14. PERMIT NO. 43-047-31785	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T4S, R1E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,034' GR	12. COUNTY OR PARISH Uintah
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Verbal approval was received from Jerry Kenczka, BLM - Vernal on April 15, 1987 to plug and abandon the subject well as follows:

Plug No.	Interval	Number of Sacks
1	6,500' - 6,650'	70
2	2,150' - 2,300'	94
3	200' - 350'	80
4	0' - 50'	21

All Cement is Class "G"

18. I hereby certify that the foregoing is true and correct

SIGNED J. C. Thompson TITLE Administrative Supervisor DATE 4/21/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

BLM - Vernal (3) Federal approval of this action
NOCG (2) is required before commencing
AFE 4185 (SJM) operations. *See Instructions on Reverse Side

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE 4-27-87
BY John R. Bays

042710

Contractor Grace Drilling
Rig No. #181
Spot NE/SW
Sec. 24
Twp. 4S
Rng. 1E
Field Green River
County Unutah
State Utah
Elevation 5034 ft
Formation --

Top Choke 1"
Bottom Choke 1"
Size Hole 7 7/8"
Size Rat Hole --
Size & Wt. D. P. 4 1/2" XH 16.60#
Size Wt. Pipe --
I. D. of D. C. 2 1/4"
Length of D. C. 339 ft
Total Depth 8410 ft
Interval Tested 8240-8350
Type of Test Inflate
Straddle

Flow No. 1 6 Min.
Shut-in No. 1 60 Min.
Flow No. 2 60 Min.
Shut-in No. 2 -- Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.

Bottom
Hole Temp. 162°F
Mud Weight 9.3
Gravity --
Viscosity --

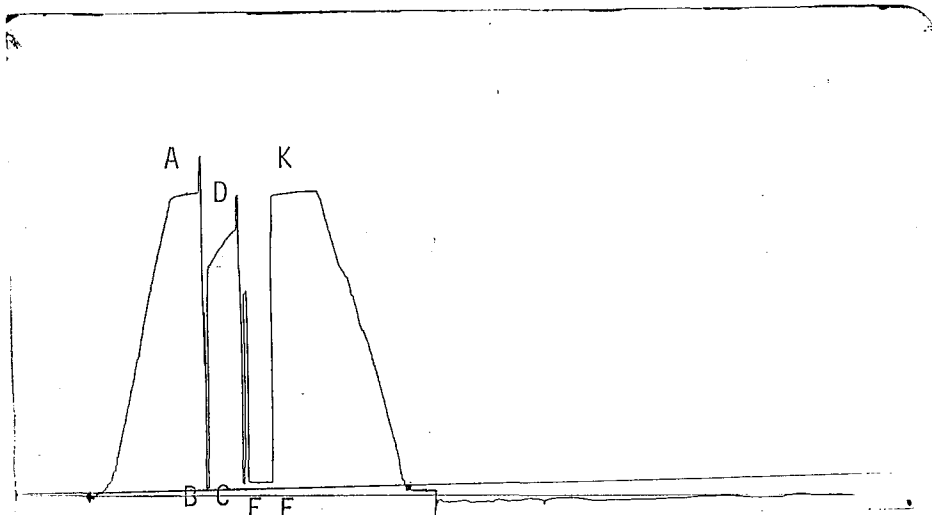
Tool opened @ 6:00 am

Outside Recorder

PRD Make Kuster K-3
No. 9799 Cap. 6200 @ 8245'

	Press	Corrected
Initial Hydrostatic	A	4100
Final Hydrostatic	K	4090
Initial Flow	B	100
Final Initial Flow	C	100
Initial Shut-in	D	3595
Second Initial Flow	E	177
Second Final Flow	F	167
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist. Gillette, WY
Our Tester Doug Bobbitt
Witnessed By Bob Williams



Did Well Flow -- Gas No Oil No Water No

RECOVERY IN PIPE:

100 ft. Drilling mud = .49 bbl.

Blow Description:

1st flow: Tool opened with a very weak surface blow becoming nil in 3 minutes and remaining throughout the flow.

2nd flow: Tool opened with a weak blow becoming nil in 2 minutes and remaining throughout the flow.

Misrun:

Packer seat failed midway into the second shut-in. Pressure data from the initial shut-in period may not be valid due to a possible hydrostatic leak.

Operator Conoco Inc.
Address 907 North Poplar
Casper, WY 82601

Well Name and No. Ute Tribal #24-3
Ticket No. 1167

Date

4-15-87

No. Final Copies 11

DST No. 3

ST #: 3

UTE TRIBAL #24-3

8240.0 ft - 8350.0 ft

Location: 24-4S-1E
Test Type: INFLATE STRADDLE
Formation: N/A

Recorder Number: 22568
Recorder Depth: 8213 ft

SAMPLE DATA

SAMPLE CHAMBER

Capacity of sample chamber.. 2150 cc
Volume of sample..... 2150 cc
Pressure in sampler..... 6.00 psi
Where sampler was drained... ON LOCATION

Sampler Contained:
Mud 2150 cc

RESISTIVITY DATA:

Top.....: 1450 FPM NACL
Sampler.....: 1700 FPM NACL
Mud Pit.....: 1650 FPM NACL

TEST #: 3

UTE TRIBAL #24-3

8240.0 ft - 8350.0 ft

PRESSURE RECORDER NUMBER: 22568

DEPTH : 8213.00 ft

LOCATION : INSIDE

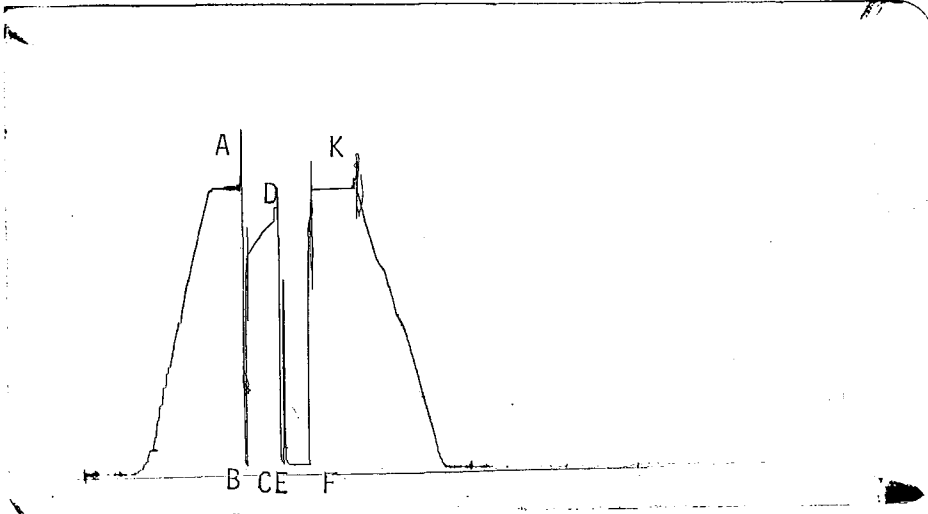
TYPE : K-3

CAPACITY : 6500.00 psi

PRESSURE

psi

A) Initial Hydrostatic: 4074.0
B) Start of 1st Flow : 104.0
C) End of 1st Flow : 87.0
D) End of 1st Shut-in : 3595.0
E) Start of 2nd Flow : 87.0
F) End of 2nd Flow : 87.0
G) Final Hydrostatic : 4034.0



TEST TIMES (MIN)

The applicant hereby acknowledges he/they are a citizen(s) of the
United States or intends to become such a citizen.

The quantity of water sought to be appropriated is limited to that which
can be beneficially used for the purpose herein described.

The undersigned hereby acknowledges that even though he/they may have been assisted in
the preparation of the above-numbered application through the courtesy of the employees
of the Division of Water Rights, all responsibility for the accuracy of the information
contained therein, at the time of filing, rests with the applicant(s).

Signature of Applicant

STATE ENGINEER'S ENDORSEMENT

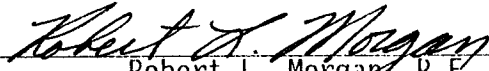
WATER RIGHT NUMBER: 43 - 9964

APPLICATION NO. T62321

1. March 3, 1987 Application received.
 2. April 1, 1987 Application designated for APPROVAL by RWL and SG.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated April 3, 1987, subject to prior rights and this application will expire on April 3, 1988.

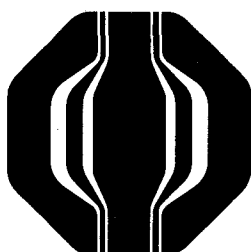

Robert L. Morgan, P.E.
State Engineer

BAKER

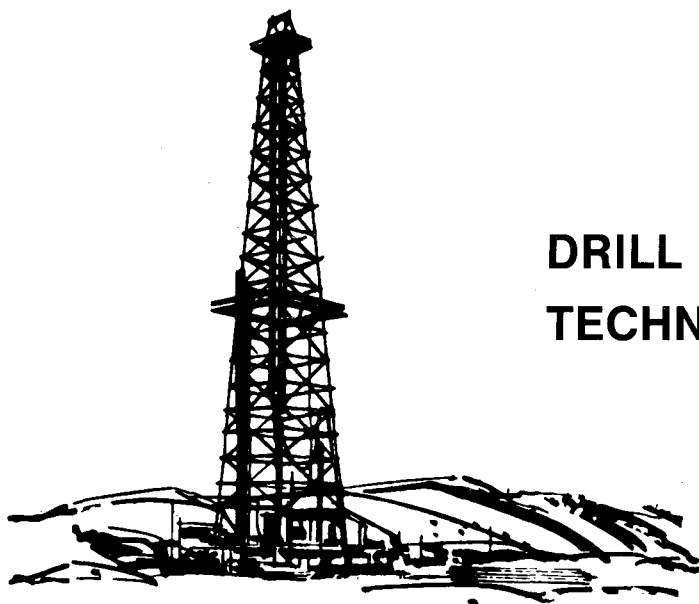
PRODUCTION TECHNOLOGY



A Baker Oil Tools Company



LYNES

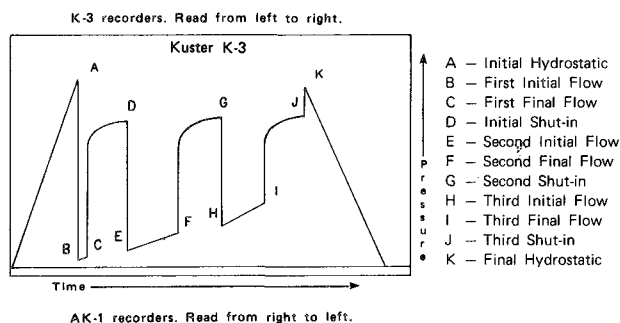


DRILL STEM TEST TECHNICAL SERVICE REPORT

GUIDE TO INTERPRETATION AND IDENTIFICATION OF LYNES DRILL STEM TEST PRESSURE CHARTS

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

CODE USED ON CHART ENVELOPES



NOMENCLATURE

Symbol	Definition	DST Unit
k	permeability	millidarcys (md)
h	pay thickness	feet (ft.)
u	viscosity	centipoise
T	reservoir temperature	°Rankin (°R)
Z	gas compressibility factor at average condition	—
q _{sc}	gas production rate	MCF/d
M	Horner slope for liquid analysis	PSI/Cycle
M _g	Horner slope for (P ²) gas analysis	PSI ² /Cycle
P _i	initial static reservoir pressure	PSI
P _{wf}	flowing bottom hole pressure	PSI
φ	porosity	(fraction)
r _w	well bore radius	ft.
S	skin factor	—
AOF	absolute open flow	MCF/d
D. R.	damage ratio	—
r _e	external drainage radius	ft.
ISIP	initial shut-in pressure	PSI
FSIP	final shut-in pressure	PSI
b	approx. radius of investigation	ft.
t	flowing time	hrs.
B	formation volume factor	—
q	liquid production rate	bbls/day
c̄	gas compressibility	1/PSI
c	liquid compressibility	1/PSI

A. Liquid Calculations

- Transmissibility**
$$\frac{Kh}{u} = \frac{162.6}{m} \frac{q B}{\Delta P}$$
- Capacity**
$$Kh = \frac{Kh}{u} \times u$$
- Permeability**
$$K = \frac{Kh}{h}$$

- Skin Factor**
$$S = 1.151 \left[\frac{P_i - P_{wf}}{m} \cdot \log \frac{K t}{\phi \mu c_r w^2} + 3.2275 \right]$$

- Pressure Drop Due to Skin**
$$\Delta P_{skin} = \frac{162.6 B q u}{Kh} \times 0.869 S \quad \text{or} \quad \Delta P_{skin} = 0.869 M S$$

- Damage Ratio**
$$\frac{P_i - P_{wf}}{m} \left[\log \frac{K t}{\phi \mu c_r w^2} - 3.2275 \right]$$

- Productivity Index**
$$P. I. = \frac{q_a}{P_i - P_{wf}}$$

- Productivity Index Damage Removed**
$$\frac{q_t}{P_i - P_{wf}} = P. I. a \times D. R.$$

- Radius of Investigation**
$$b = 0.029 \sqrt{\frac{K t}{\phi \mu c}}$$

- Depletion Factor %**
$$\frac{ISIP - FSIP}{ISIP} \times 100$$

B. Gas Calculations

- Transmissibility**
$$\frac{Kh}{u} = \frac{1637 T \neq q_{sc}}{Mg}$$
- Capacity**
$$\frac{Kh}{u} \times u = Kh$$
- Permeability**
$$\frac{Kh}{h} = K$$

- Apparent Skin Factor**
$$S = 1.151 \left[\frac{P_i^2 - P_{wf}^2}{Mg} \cdot \log \left(\frac{K t}{\phi \mu c_r w^2} \right) + 3.2275 \right]$$

- Pressure Drop Due to Skin**
$$\Delta P_{skin} = P_i - P_{wf} = \sqrt{(P_{wf}^2) + 0.869 Mg S}$$

- Damage Ratio**
$$\frac{P_i^2 - P_{wf}^2}{Mg} \left[\log \frac{K t}{\phi \mu c_r w^2} - 3.2275 \right]$$

- Absolute Open Flow**
$$Mg \left[\log \frac{K t}{\phi \mu c_r w^2} - 3.2275 + .869 S \right]$$

- AOF Damage removed**
$$AOF \times DR$$

- Radius of Investigation**
$$b = 0.029 \sqrt{\frac{K t}{\phi \mu c}}$$

- Estimated Stabilized AOF**
$$3263 \text{ uzt} \left[\log \left(\frac{P_i^2}{\left(\frac{.472 r_e}{r_w} \right)} + \frac{s}{2.303} \right) \right]$$

- Depletion %**
$$\frac{ISIP - FSIP}{ISIP} \times 100$$



A Baker Oil Tools Company



1754 Walter
Ventura, CA 93003
1-805-644-7390

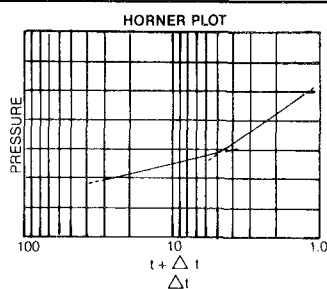
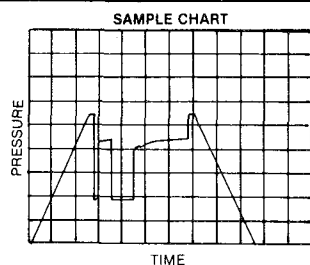
1616 Glenarm Pl.
Suite 1350
Denver, CO 80202
1-303-573-8027

330 Midland Executive Center
310 W. Illinois Ave.
Midland, TX 79701
1-915-682-9912

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APR 24 1987

DIVISION OF
OIL, GAS & MINING

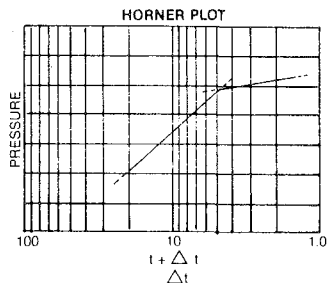
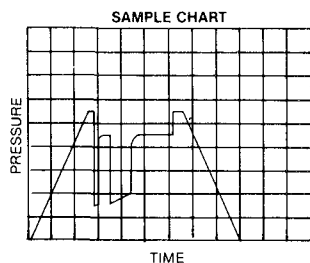
Lynes Guide to Detection of Geological Anomalies



Horner Plot Slope Breaks Upward

Possible Causes

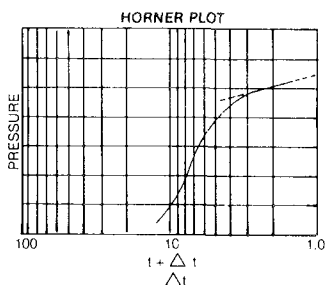
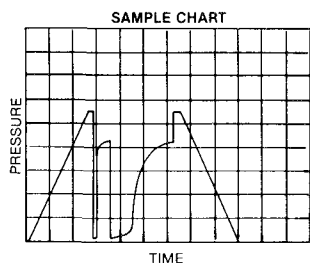
- (1) decrease in pay thickness away from the wellbore
- (2) decrease in permeability away from the wellbore
- (3) increase in viscosity of reservoir fluid (fluid contact)
- (4) barrier within the radius of investigation



Horner Plot Slope Breaks Downward

Possible Causes

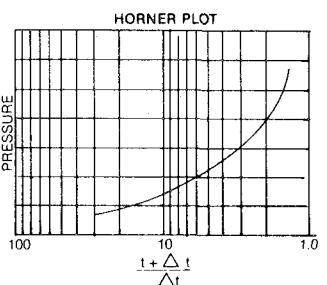
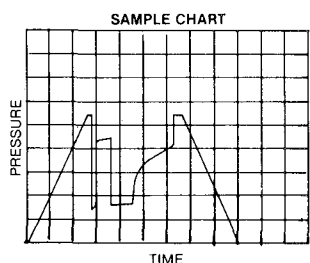
- (1) increase in pay thickness away from the wellbore
- (2) increase in permeability away from the wellbore
- (3) decrease in viscosity away from the wellbore



Early Time Deviation of Horner Plot

Possible Causes

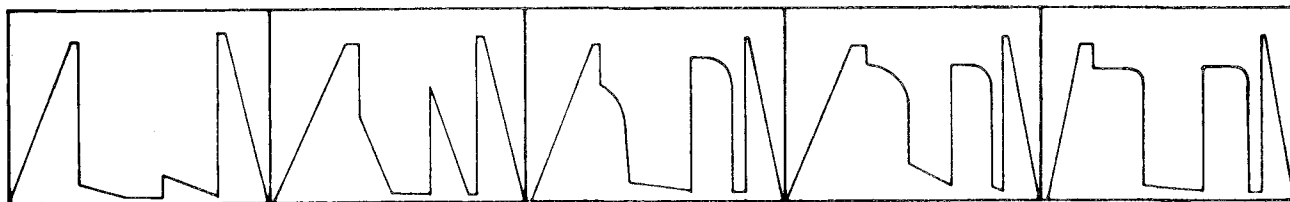
- (1) wellbore damage due to filtrate invasion, drilling solids, etc.
- (2) partial penetration of pay zone
- (3) plugging or choking of perforations (casing test only)
- (4) wellbore storage effects (low permeability gas wells)



Horner Plot Slope Continually Increasing

Possible Causes

- (1) well between two parallel boundaries (channel sand)
- (2) induced hydraulic fractures



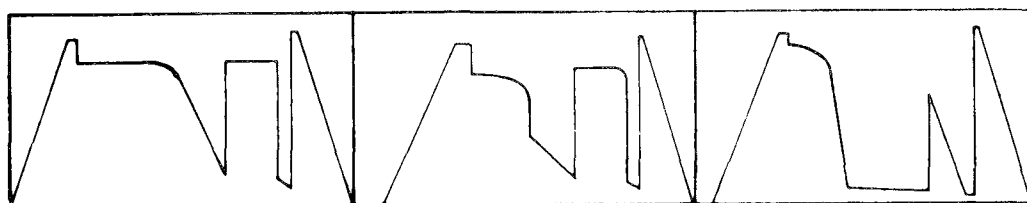
Very low permeability. Usually only mud recovered from interval tested. Virtually no permeability.

Slightly higher permeability. Again usually mud recovered.

Slightly higher permeability. Small recovery, less than 200 ft.

Average permeability. Final and initial shut-ins differ by 50 psi.

Average permeability. Strong damage effect. High shut-in pressure, low flow pressure.



Excellent permeability where final flow final shut-in pressure.

High permeability where ISIP and FSIP are within 10 psi.

Deep well bore invasion or damage. Final shut-in higher than the initial shut-in.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>
2. NAME OF OPERATOR Conoco Inc.						
3. ADDRESS OF OPERATOR 907 North Poplar, Casper, Wyoming 82601						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,937' FSL, 2,033' FWL (NE/SW) At top prod. interval report: Below At total depth						
14. PERMIT NO.		DATE ISSUED		DIVISION OF OIL, GAS & MINING		
43-047-31785		2-2-87		APR 27 1987		
5. LEASE DESIGNATION AND SERIAL NO.		14-20-H62-4376				
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		Ute Indian Tribe				
7. UNIT AGREEMENT NO.		042803				
FARM OR LEASE NAME		Ute Tribal 24				
9. WELL NO.		3				
10. FIELD AND POOL, OR WILDCAT		Green River/Wasatch				
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		Sec. 24, T4S, R1E				
12. COUNTY OR PARISH		Utah				
13. STATE		Utah				
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DP, RKB, RT, GB, ETC.)*
3-17-87		4-13-87		N/A		5,034' GR
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY
9,308'		surface				0' - 9,308'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE
N/A						No
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-MLL-GR; FDC-CNL-GR; Dipmeter						27. WAS WELL CORED
						No
28. CASING RECORD (Report all strings set in well)						
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED
9 5/8"	36#	284'	12 3/4"	184 ft ³ Class "G" w/2% CaCl ₂		---
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD	
					SIZE	DEPTH SET (MD)
						PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
N/A				DEPTH INTERVAL (MD)		
				AMOUNT AND KIND OF MATERIAL USED		
				SEE ATTACHED		
33. PRODUCTION						
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)
N/A						Plugged & Abandoned
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.
N/A						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY
35. LIST OF ATTACHMENTS						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED		TITLE			DATE	
J C Thompson		Administrative Supervisor			4/23/87	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			SEE ATTACHED

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River Wasatch	2,098' 6,618'	

Form 3160-4
Ute Tribal 24 No. 3
April 23, 1987

32. Acid, Shot, Fracture, Cement Squeeze, etc.

<u>Plug No.</u>	<u>Interval</u>	<u>No. of Sacks</u>
1	8,480' - 8,410'	65
2	6,650' - 6,500'	70
3	2,300' - 2,150'	94
4	350' - 200'	80
5	50' - surface	21

All cement is Class "G".

37. Summary of Porous Zones:

DST No. 1 Test Interval 6,000' - 6,222'

Initial Flow: 5 min.
Initial Shut-In: 60 min.
Final Flow: 60 min.
Final Shut-In: 180 min.

Drill Pipe Recovery: 120' mud
 0.5' oil

Sample Chamber Recovery: 50 cc oil
 80 cc mud
 .36 cf gas @ 60 psi

DST No. 2 Test Interval 6,228' - 6,810'

Initial Flow: 6 min.
Initial Shut-In: 60 min.
Final Flow: 60 min.
Final Shut-In: 180 min.

Drill Pipe Recovery: 455' mud
 6' oil

Sample Chamber Recovery: 0 cc oil
 300 cc water
 2100 cc mud

DST No. 3 Test Interval 8,240' - 8,350'

Initial Flow: 6 min.
Initial Shut-In: 60 min.
Final Flow: 60 min.
Final Shut-In: 90 min.

Drill Pipe Recovery: 100' mud

Sample Chamber Recovery: 2,100 cc mud

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

PA

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Dry Hole</u>	5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-H62-4376</u>
2. NAME OF OPERATOR <u>Conoco Inc.</u>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Ute Indian Tribe</u>
3. ADDRESS OF OPERATOR <u>907 North Poplar, Casper, WY 82601</u>	7. UNIT AGREEMENT NAME <u>050726</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u>	8. FARM OR LEASE NAME <u>Ute Tribal 24</u>
	9. WELL NO. <u>3</u>
	10. FIELD AND POOL, OR WILDCAT <u>Green River/Wasatch</u>
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 24, T4S, R1E</u>
14. PERMIT NO. <u>43-047-31785</u>	12. COUNTY OR PARISH <u>Uintah</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>1,937' FSL, 2,033' FWL (NE/SW)</u> <u>5,034' GR</u>	13. STATE <u>Utah</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PCLL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	<u>Update Venting Approval</u> <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Per the BLM's conditions of approval for venting gas from Conoco's Ute Tribal 26 No. 1, this notice serves to update the economic analysis previously presented. The subject well (24 #3) is the second well drilled in this field. Since this well was abandoned as a dry hole, no additional gas is available for selling or venting and the economics for venting from the 26 #1 remain unchanged.

RECEIVED
MAY 04 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Jane J. Bronnenberg TITLE Administrative Supervisor DATE 4/29/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UOGC (1)

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

PA

OPERATOR: CONOCO INC LEASE: 14 20 H62 4376
WELL NO.: UTE TRIBAL 24 3 API: 42 047 01705
GTR/GTR: SECTION: 24 TWP: 4 SOUTH RANGE: 1 EAST
COUNTY: Uintah FIELD: GREEN RIVER/WASATCH
CONTRACTOR:

DRILLING / COMPLETION / WORKOVER			
APP	WELL SIGN	HOUSEKEEPING	BOPE
SAFETY	POLL. CONTROL	SURFACE USE	PITS
OPERATIONS	OTHER		
SHUT IN / TA:			
WELL SIGN	HOUSEKEEPING	EQUIPMENT	SAFETY
SHUT IN	TA	OTHER	
ABANDONED:			
Y MARKER	Y HOUSEKEEPING	N REHAB	Y OTHER
PRODUCTION:			
WELL SIGN	HOUSEKEEPING	EQUIPMENT	FACILITIES
METERING	POLL. CONTROL	PITS	DISPOSAL
SECURITY	SAFETY	OTHER	
GAS DISPOSITION:			
VENTED	FLARED	COLD	LEASE USE

LEGEND: Y YES OR SATISFACTORY
N NO OR UNSATISFACTORY
NA NOT APPLICABLE

FACILITIES INSPECTED: LOCATION, P&A MARKER, RESERVE PIT, FLARE PIT.

REMARKS: PLUGGED 4/23/87 MARKER IN PLACE. RESERVE PIT LINED, FENCED AND 1/4 FULL OF DRILL FLUIDS. RAT HOLE AND MOUSE HOLE OPEN. LOCATION NEEDS CONTOURING AND REHABING. WILL CHECK BACK ON THIS ONE.

ACTION:

INSPECTOR: CAROL A. KUBLY

DATE: 5 MAY 87